

Amendments To the Claims:

Please amend the claims as shown.

1. (currently amended) A Pre-mix burner (1) for mixing combustion air (11) with fuel (13) to form a combustion gas mixture and subsequent combustion of the combustion gas mixture with a comprising:

a main burner (3) for adapted to receive the greater part of the combustion air (11); and a pilot burner (5) for adapted to stabilizing a leaner combustion in the main burner (3), wherein the pilot burner (5) being is embodied as a pore burner with a combustion material (41) that has a fine-pore structure.

2. (currently amended) A Pre-mix burner (1) in accordance with Claim 1, wherein in which the fine-pore structure is formed by the foaming of the combustion material (41).

3. (currently amended) A Pre-mix burner (1) in accordance with Claim 1 or 2, wherein in which the combustion material (41) is ceramic.

4. (currently amended) A Pre-mix burner (1) in accordance with Claim 3, wherein in which the combustion material (41) features comprises Zirconium Oxide or Silicon Carbide.

5. (currently amended) A Pre-mix burner (1) in accordance with Claim 1 or 2, wherein in which the combustion material (41) is a Nickel or Cobalt based super alloy.

6. (currently amended) A Pre-mix burner (1) in accordance with Claim 1 or 2, wherein in which the combustion material (41) is a highly heat-resistant steel.

7. (currently amended) A Pre-mix burner (1) in accordance with one of the previous claims 1, further comprising: and with a ring channel (7) for the combustion air (11) of the main burner (3) that surrounds the pilot burner (5).

8. (currently amended) A Gas turbine (51), especially a stationary gas turbine (51), with comprising:

a pre-mix burner (1) in accordance with one of the previous claims, the pre-mix burner comprising:

a main burner adapted to receive the greater part of the combustion air; and  
a pilot burner adapted to stabilize a lean combustion in the main burner, wherein  
the pilot burner is embodied as a pore burner with a combustion material that has a fine-  
pore structure.

9. (currently amended) A Ggas turbine (51) in accordance with Claim 8, further comprising with  
a ring-shaped combustion chamber (55).

10. (currently amended) A Mmethod for operating a pre-mix burner (1) in which with,  
comprising:

mixing a main burner (3) combustion air (11) is mixed with fuel (13) into receive a  
combustion gas mixture, whereby the mixing is performed by a main burner; and subsequently  
and

burning the combustion gas mixture is burned, with the combustion being stabilized in  
the main burner (3) being stabilized by a pilot burner (5), wherein a combustion reaction takes  
place in the pilot burner (5) with in a fine-pore combustion material (41).

11. (currently amended) A Mmethod in accordance with Claim 10, wherein the which is  
executed with a pre mix burner (1) in accordance with one of the Claims 1 to 9 the pre-mix  
burner comprises: a main burner adapted to receive the greater part of the combustion air; and a  
pilot burner adapted to stabilize a lean combustion in the main burner, wherein the pilot burner is  
a pore burner with a combustion material that has a fine-pore structure.

12. (new) A pre-mix burner in accordance with Claim 2, wherein the combustion material is  
ceramic.

13. (new) A pre-mix burner in accordance with Claim 2, wherein the combustion material is a  
Nickel or Cobalt based super alloy.

14. (new) A pre-mix burner in accordance with Claim 2, wherein the combustion material is a  
highly heat-resistant steel.

15. (new) A pre-mix burner in accordance with claim 2, further comprising: a ring channel for the combustion air of the main burner that surrounds the pilot burner.

16. (new) A gas turbine in accordance with Claim 8, wherein the gas turbine is a stationary gas turbine.